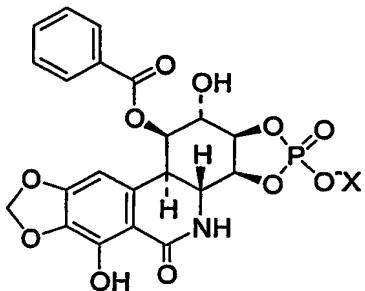


CLAIMS

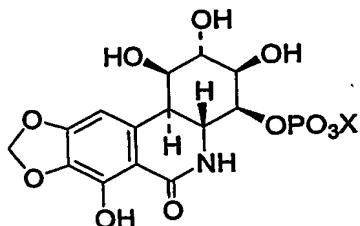
What we claim is:

1. A compound having the structure:



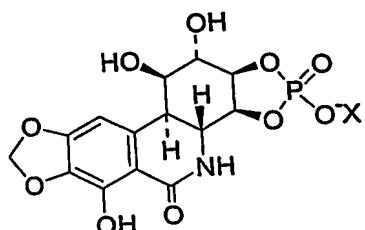
wherein X is selected from the group consisting of: Na^+ , Li^+ and K^+ .

2. A compound having the structure:



wherein X is selected from the group consisting of: 2Na^+ , 2H^+ , 2Li^+ , 2K^+ , Mg^{2+} , Ca^{2+} , Zn^{2+} , piperazine, morpholine, imidazole, quinine and quinidine.

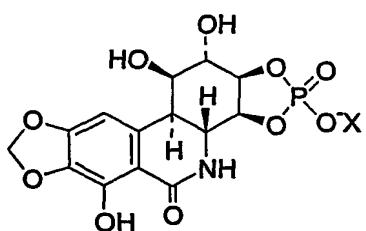
3. A compound having the structure:



wherein X is selected from the group consisting of: Na^+ , Li^+ and K^+ .

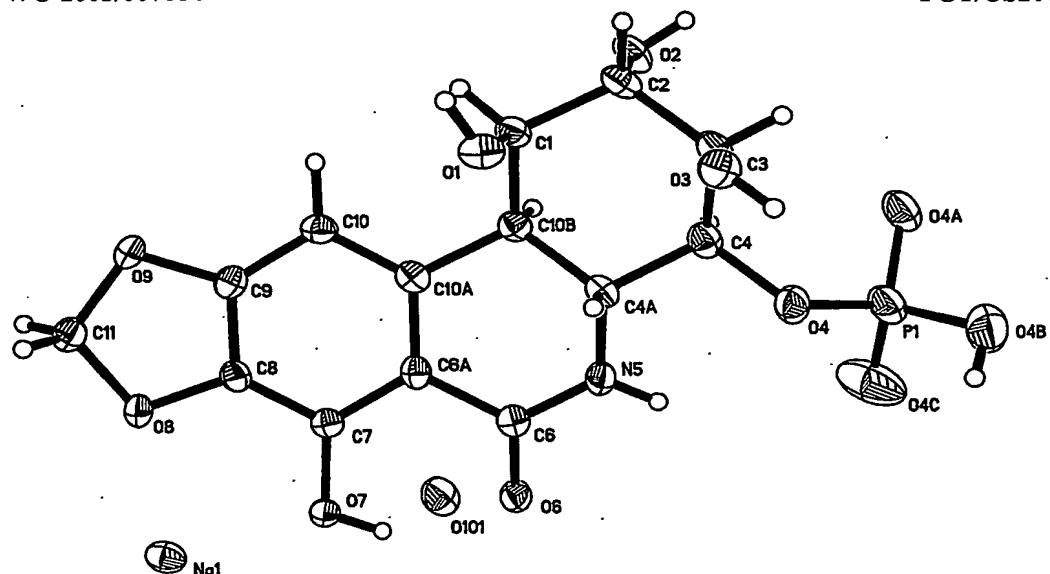
4. A method for synthesizing the compound of claim 1, comprising phosphorylating phenpanstatin with tetrabutylammonium dihydrogen phosphate using dicyclohexylcarbodiimide in pyridine containing *p*-toluenesulfonic acid to form a pyridinium salt of 3,4-O-cyclic phosphate, and converting the pyridinium salt to said compound.

5. A method for synthesizing the compound of claim 2, comprising converting, by passing through an ion exchange column, a compound having the following structure



wherein X is selected from the group consisting of: Na⁺, Li⁺ and K⁺, to form said compound.

6. A method for synthesizing the compound of claim 3, comprising phosphorylating pancratistatin with tetrabutylammonium dihydrogen phosphate using dicyclohexylcarbodiimide in pyridine to form a pyridinium salt of 3,4-O-cyclic phosphate, and converting the pyridinium salt to said compound.



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Figure 1. An X-ray thermal ellipsoid plot (50 % probability) of sodium pancratistatin 4-O-phosphate (4a) as the dihydrate.

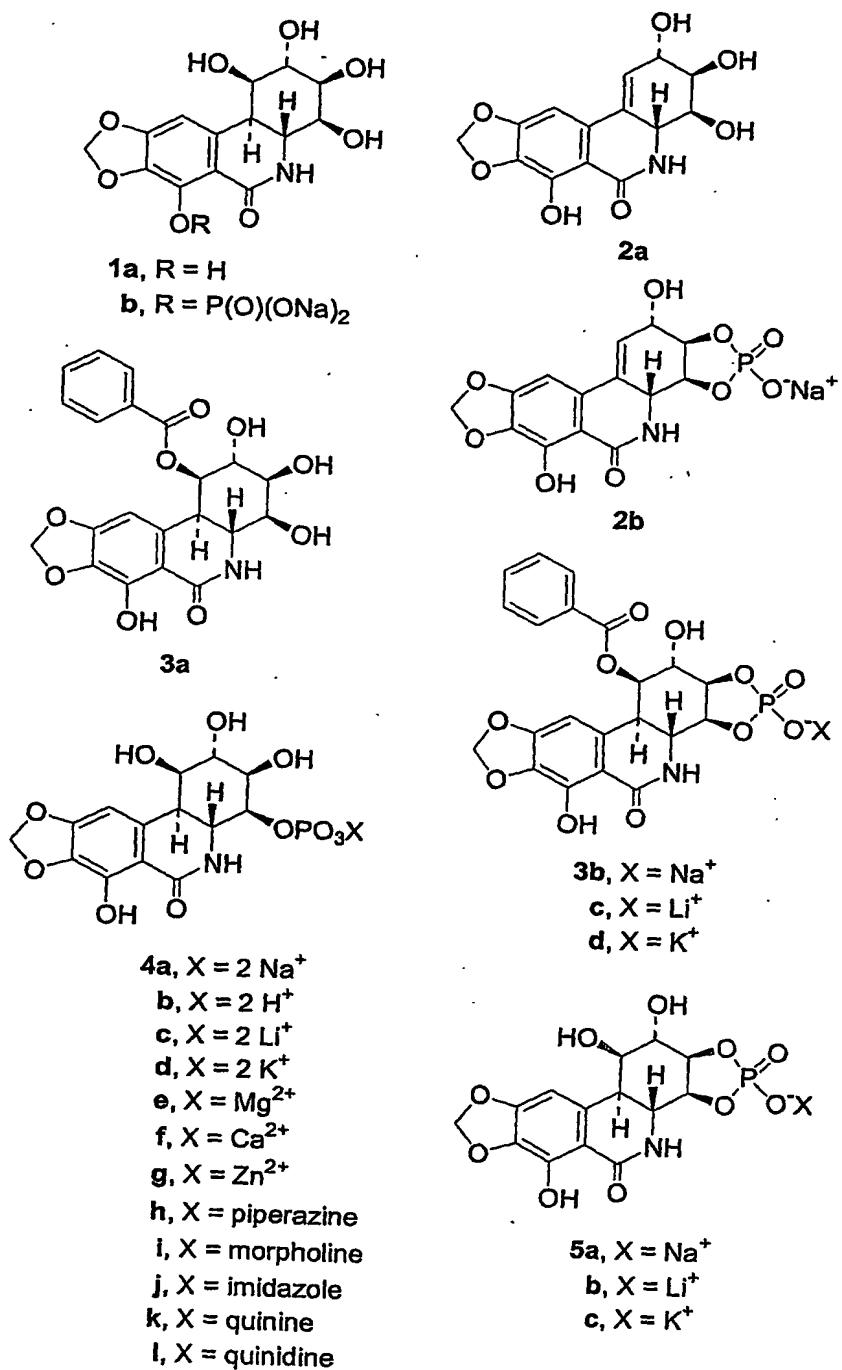


Figure 2